COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney's Docket No.

FOR UTILITY PATENT APPLICA	ATION	033432-009
As a below-named inventor, I hereby declare that:		
My residence, post office address and citizenship are as sta	ated below next to my name	;
I BELIEVE I AM THE ORIGINAL, FIRST AND SOLORIGINAL, FIRST AND JOINT INVENTOR (if more the WHICH IS CLAIMED AND FOR WHICH A PATENT IS	an one name is listed below	v) OF THE SUBJECT MATTER
HYBRID ORGANIC-INORGANIC COMPOSITE FILM	AND METHOD FOR THE	MANUFACTURE THEREOF
the specification of which		
(check one)	is attached hereto;	
(check one)	was filed on <u>DEC</u>	EMBER 21, 2001 as
	Application No10/024	,172
	and was amended on	(if applicable);
•		(in application)
I HAVE REVIEWED AND UNDERSTAND THE CONTINCLUDING THE CLAIMS, AS AMENDED BY ANY A	TENTS OF THE ABOVE-I	DENTIFIED SPECIFICATION, D'TO ABOVE;
I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE MATERIAL TO PATENTABILITY AS DEFINED IN TITE (as amended effective March 16, 1992);	E OFFICE ALL INFORMA FLE 37, CODE OF FEDER	ATION KNOWN TO ME TO BE RAL REGULATIONS, Sec. 1.56
I do not know and do not believe the said invention was ever or our invention thereof, or patented or described in any prothereof or more than one year prior to said application; that States of America more than one year prior to said applicate subject of an inventor's certificate issued before the date of of America on any application filed by me or my legal representation;	inted publication in any cout said invention was not in paid in, that said invention has said application in any cout	untry before my or our invention public use or on sale in the United not been patented or made the ntry foreign to the United States
I hereby claim foreign priority benefits under Title 35, Uni application(s) for patent or inventor's certificate as indicate application for patent or inventor's certificate on this invent which priority is claimed:	d below and have also ident	tified below any foreign

COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No.
033432-009

COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES_ NO_
			YES_ NO_

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis	17,337	Eric H. Weisblatt	30,505	Bruce T. Wieder	33,815
	•				
Robert S. Swecker	19,885	James W. Peterson	26,057 ·	Todd R. Walters	34,040
Platon N. Mandros	22,124	Teresa Stanek Rea	30,427	Ronni S. Jillions	31,979
Benton S. Duffett, Jr.	22,030	Robert E. Krebs	25,885	Harold R. Brown III	36,341
Norman H. Stepno	22,716	William C. Rowland	30,888	Allen R. Baum	36,086
Ronald L. Grudziecki	24,970	T. Gene Dillahunty	25,423	Brian P. O'Shaughnessy	32,747
Frederick G. Michaud, Jr.	26,003	Patrick C. Keane	32,858	Kenneth B. Leffler	36,075
Alan E. Kopecki	25,813	B. Jefferson Boggs, Jr.	32,344	Fred W. Hathaway	32,236
Regis E. Slutter	26,999	William H. Benz	25,952	Wendi L. Weinstein	34,456
Samuel C. Miller, III	27,360	Peter K. Skiff	31,917	Mary Ann Dillahunty	34,576
Robert G. Mukai	28,531	Richard J. McGrath	29,195	FEET FEET	
George A. Hovanec, Jr.	28,223	Matthew L. Schneider	32,814		
James A. LaBarre	28,632	Michael G. Savage	32,596	21839	
E. Joseph Gess	28,510	Gerald F. Swiss	30,113		
R. Danny Huntington	27,903	Charles F. Wieland III	33,096		

and:

Address all correspondence to:



21839

Norman H. Stepno, Esquire

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

Address all telephone calls to: Norman H. Stepno at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE	1.44	1 .	DATE 16人と
ANAND MAHADEO GOLE		July.	~	19702
RESIDENCE		•	CITIZENSHIP	
National Chemical Laboratory, Pune 411008, Maharashtra, India			INDIAN	
POST OFFICE ADDRESS				
National Chemical Laboratory, Pune 411 008, Maharashtra, India				
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE	- A	•	DATE
ASHAVANI KUMAR		Honen	S	16.02.2002
RESIDENCE			CITIZENSHIP	
National Chemical Laboratory, Pune 411 008, Maharashtra, India			INDIAN	
POST OFFICE ADDRESS				
National Chemical Laboratory, Pune 411 008, Maharashtra, India				

COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No.
033432-009

FULL NAME OF THIRD JOINT INVENTOR, IF ANY	SIGNATURE JOM	Mare	DATE 16/402
SUMANT PHADTARE	PAN 15		161710
RESIDENCE		CITIZENSHIP	
National Chemical Laboratory, Pune 411 008, Maharashtra, India		INDIAN	
POST OFFICE ADDRESS			
National Chemical Laboratory, Pune 411 008, Maharashtra, India			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	SIGNATURE	→	16 Feb, 2002
MURALI SASTRY	Break to	sty	16 120/
RESIDENCE		CITIZENSHIP	
National Chemical Laboratory, Pune 411 008, Maharashtra, India		INDIAN	
POST OFFICE ADDRESS	-		,
National Chemical Laboratory, Pune 411 008, Maharashtra, India FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
FULL NAME OF FIFTH JOINT INVENTOR, IF ANT	SIGNATURE		DAIL
DECIDENCE	<u> </u>	CITIZENSHIP	
RESIDENCE	•	CITIZEDINGTHE	
POST OFFICE ADDRESS		I	
1 OUT OTTICE ADDRESS			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
- CALLANDON CALLANDANA MITTERIA CONTRACTOR MIT			,
RESIDENCE	1	CITIZENSHIP	
	•		•
POST OFFICE ADDRESS			· · · · · · · · · · · · · · · · · · ·
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
RESIDENCE	-	CITIZENSHIP	
·			· · · · · · · · · · · · · · · · · · ·
POST OFFICE ADDRESS			
	T-12223		I p ann
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
		Opposition	<u> </u>
RESIDENCE		CITIZENSHIP	
DOGE OFFICE A DEPEND	· · · · · · · · · · · · · · · · · · ·	<u></u>	
POST OFFICE ADDRESS			
ETILL NAME OF MINITULIOUS INTENTOD IF AND	SIGNATURE		DATE
FULL NAME OF NINTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
RESIDENCE		CITIZENSHIP	<u> </u>
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
1 OST OTTICE ADDICES		•	
FULL NAME OF TENTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
RESIDENCE	<u> </u>	CITIZENSHIP	<u> </u>
POST OFFICE ADDRESS			

COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney's Docket No.

FOR UTILITY PATENT APPLI	CATIO	V	033432-009
As a below-named inventor, I hereby declare that:			
My residence, post office address and citizenship are as	stated bel	ow next to my name	;
I BELIEVE I AM THE ORIGINAL, FIRST AND SO ORIGINAL, FIRST AND JOINT INVENTOR (if more WHICH IS CLAIMED AND FOR WHICH A PATENT	than one	name is listed below	v) OF THE SUBJECT MATTER
HYBRID ORGANIC-INORGANIC COMPOSITE FILM	M AND M	ETHOD FOR THE	MANUFACTURE THEREOF
the specification of which	,	·	
(check one)		is attached hereto;	
	∑ Ann	was filed on <u>DEC</u>	EMBER 21, 2001 as
		was amended on	;
·			(if applicable)
I HAVE REVIEWED AND UNDERSTAND THE CO INCLUDING THE CLAIMS, AS AMENDED BY ANY			
I ACKNOWLEDGE THE DUTY TO DISCLOSE TO T MATERIAL TO PATENTABILITY AS DEFINED IN (as amended effective March 16, 1992);			
I do not know and do not believe the said invention was or our invention thereof, or patented or described in any thereof or more than one year prior to said application; States of America more than one year prior to said application subject of an inventor's certificate issued before the date of America on any application filed by me or my legal rapplication;	y printed p that said i ication; the of said a	oublication in any countries on the parties of the	untry before my or our invention public use or on sale in the United not been patented or made the untry foreign to the United States
I hereby claim foreign priority benefits under Title 35, application(s) for patent or inventor's certificate as indicapplication for patent or inventor's certificate on this inventor priority is claimed:	cated below	w and have also iden	tified below any foreign

Page 1 of 3 (05/01)

COMPINED	DECLARATION	ΔND	POWER	OF	ATTORNEY
CLUMBINED	DECLARATION		1 0 11 -11	\sim .	~ •

Attorney's Docket No.
033432-009

							<u>)</u>
COUNTRY/INTERNATI	ONAL	APPLICATION I	NUMBER		OF FILING month, year)	PRIO CLAI	
						YES_	NO_
						YES_	NO_
I hereby appoint the following and Trademark Office connections directed to said	ected therew	and agent(s) to prosectith and to file, prosect	cute said appliute and to trai	ication and isact all bi	l to transact all business in connect	usiness in the distribution with in	ne Patent ternational
William L. Mathis Robert S. Swecker Platon N. Mandros Benton S. Duffett, Jr. Norman H. Stepno Ronald L. Grudziecki Frederick G. Michaud, Jr. Alan E. Kopecki Regis E. Slutter Samuel C. Miller, III Robert G. Mukai George A. Hovanec, Jr. James A. LaBarre E. Joseph Gess R. Danny Huntington	17,337 19,885 22,124 22,030 22,716 24,970 26,003 25,813 26,999 27,360 28,531 28,223 28,5510 27,903	Eric H. Weisblatt James W. Peterson Teresa Stanek Rea Robert E. Krebs William C. Rowland T. Gene Dillahunty Patrick C. Keane B. Jefferson Boggs, William H. Benz Peter K. Skiff Richard J. McGrath Matthew L. Schneid Michael G. Savage Gerald F. Swiss Charles F. Wieland	26 30 25 1 30 25 32 32 Jr. 32 25 31 29 der 32	,505 ,057 ,427 ,885 ,888 ,423 ,858 ,344 ,952 ,917 ,195 2,814 2,596 ,113 3,096		nessy	33,815 34,040 31,979 36,341 36,086 32,747 36,075 32,236 34,456 34,576
Address all correspondence		BURNS, D P.O. Box	I. Stepno, Esc OANE, SWECK 1404 a, Virginia 22	ER & MAT	THIS, L.L.P.		
Address all telephone calls	to: <u>Norm</u>	an H. Stepno				_ at (703) 8	336-6620.
I hereby declare that all sta and belief are believed to b ments and the like so made States Code and that such v	e true; and f are punisha villful false s	further that these state ble by fine or impriso statements may jeopar	ments were nonment, or boodize the valid	th, under s	Section 1001 of T	Title 18 of the patent issues	ne United
FULL NAME OF SOLE OR	FIRST INVE	NTOR	SIGNATURE	3		DATE	
ANAND MAHADEO GOLE RESIDENCE			<u></u>		CITIZENSHIP	<u> </u>	
National Chemical Laboratory	, Pune 41100	8, Maharashtra, India			INDIAN		
POST OFFICE ADDRESS	-						
National Chemical Laboratory FULL NAME OF SECOND	OINT INVE	08, Maharashtra, India NTOR, IF ANY	SIGNATURE	3		DATE	
ASHAVANI KUMAR		<u> </u>			Lower	<u></u>	
RESIDENCE		00.361			CITIZENSHIP		
National Chemical Laboratory POST OFFICE ADDRESS	y, Pune 411 00	U8, Maharashtra, India			INDIAN		
National Chemical Laboratory	y, Pune 411 0	08, Maharashtra, India					

COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No.

FULL NAME OF THIRD JOINT INVENTOR, IF ANY	SIGNATURE		DATE
SUMANT PHADTARE			
RESIDENCE		CITIZENSHIP	
National Chemical Laboratory, Pune 411 008, Maharashtra, India		INDIAN	
POST OFFICE ADDRESS			•
National Chemical Laboratory, Pune 411 008, Maharashtra, India	· · · · · · · · · · · · · · · · · · ·		
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
MURALI SASTRY			
RESIDENCE		CITIZENSHIP	
National Chemical Laboratory, Pune 411 008, Maharashtra, India		INDIAN	
POST OFFICE ADDRESS		•	
National Chemical Laboratory, Pune 411 008, Maharashtra, India	CICNATURE		DATE
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
DECIDENCE	L	CITIZENSHIP	l
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS	•	<u> </u>	
FUST OFFICE ADDRESS			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
TOLL INNIE OF BEATTION INTERIOR, IF ANY			
RESIDENCE	L	CITIZENSHIP	1
POST OFFICE ADDRESS			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	SIGNATURE	·	DATE
RESIDENCE	•	CITIZENSHIP	
·			
POST OFFICE ADDRESS			
		· · · · · · · · · · · · · · · · · · ·	
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
]		
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
ELLI I MANGE OF MINERAL IONNE STRUMON VE AND	LCICNATION	·	DATE
FULL NAME OF NINTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
DESIDENCE	<u></u>	CITIZENSHIP	L
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS		4	
1 COT OFFICE ADDRESS			,
FULL NAME OF TENTH JOINT INVENTOR, IF ANY	SIGNATURE	<u> </u>	DATE
1 ODD WAND OF TENTIFICATION, IF ANY	J.G. W. LOKE		
RESIDENCE	<u> </u>	CITIZENSHIP	
POST OFFICE ADDRESS			